

# Weekly Report

Yuxin Ma

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## Projects

### Visual SVM Project

- **Interactions in the Orthographic Projection View** The interaction is implemented. The direction of the projection can be manipulated now.
- **Query Selection Feature** Currently the queries and related models can be imported and browsed in the interface as a list. The user is able to select a query in the list, and the corresponding training data instances are highlighted in the orthographic projection view and the Isomap view.
- **Interface** Figure 1 shows the latest interface.

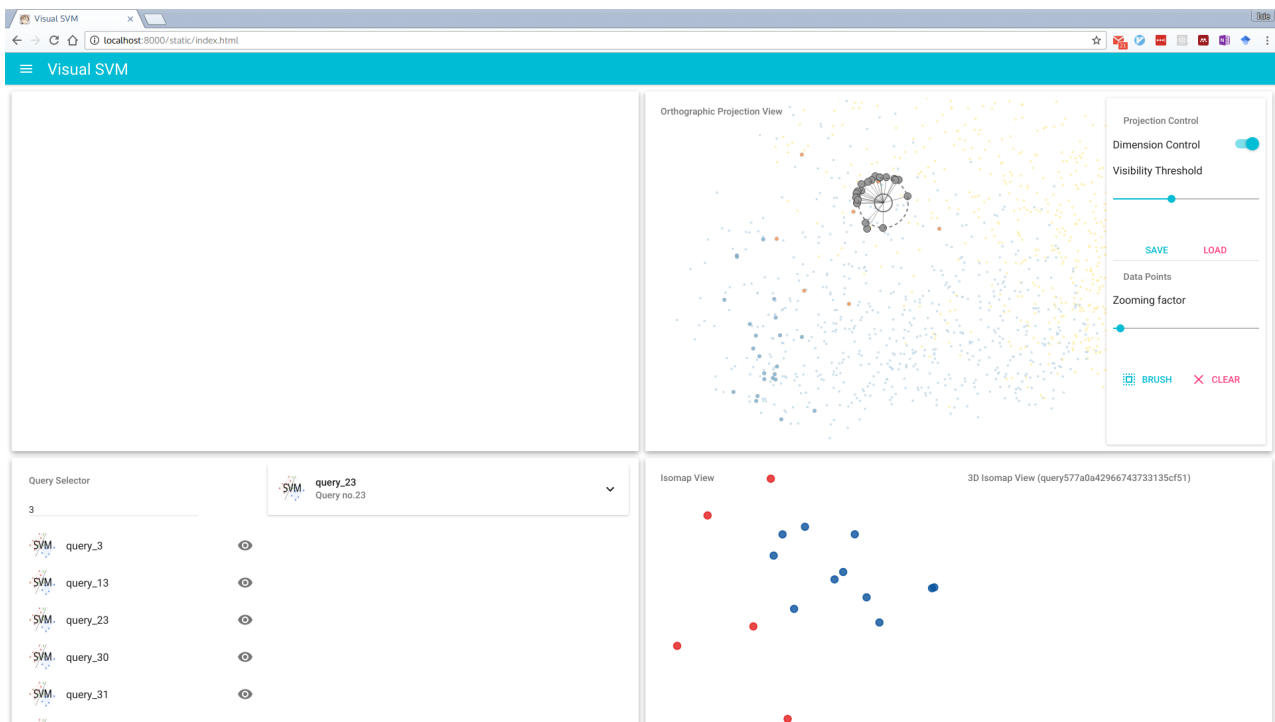


Figure 1: A snapshot of the current interface. (As the WebGL is not functioning properly in my desktop computer, the 3D Isomap view is temporarily disabled.)

### Plan for the Next Week

- The next step is to design another query relation view which should be placed in the top left corner of the interface. The view is intended to present the relations of the queries in the context of the entire training dataset to provide a guidance of where the decision boundary is. A draft will be created before Wednesday.
- Consolidate the contributions.